

RAW SEQUENCE LISTING

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Application Serial Number: 10/521,111
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RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/521,111

DATE: 03/03/2006

TIME: 12:53:07

Input Set : A:\SL5068.ST25.txt
 Output Set: N:\CRF4\03032006\J521111.raw

3 <110> APPLICANT: CARDY, Donald Leonard Nicholas
 4 ALLEN, Gerald John
 6 <120> TITLE OF INVENTION: Lateral Flow Assay Device and Method
 8 <130> FILE REFERENCE: 056222-5068-US
 10 <140> CURRENT APPLICATION NUMBER: US 10/521,111
 11 <141> CURRENT FILING DATE: 2005-01-12
 13 <150> PRIOR APPLICATION NUMBER: PCT/GB2003/003059
 14 <151> PRIOR FILING DATE: 2003-07-14
 16 <150> PRIOR APPLICATION NUMBER: GB 0220452.7
 17 <151> PRIOR FILING DATE: 2002-09-04
 19 <150> PRIOR APPLICATION NUMBER: GB 0216162.8
 20 <151> PRIOR FILING DATE: 2002-07-12
 22 <160> NUMBER OF SEQ ID NOS: 57
 24 <170> SOFTWARE: PatentIn version 3.3
 26 <210> SEQ ID NO: 1
 27 <211> LENGTH: 34
 28 <212> TYPE: DNA
 29 <213> ORGANISM: Escherichia coli
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 35 <210> SEQ ID NO: 2
 36 <211> LENGTH: 95
 37 <212> TYPE: DNA
 38 <213> ORGANISM: Escherichia coli
 41 <220> FEATURE:
 42 <221> NAME/KEY: misc_feature
 43 <222> LOCATION: (69)..(70)
 44 <223> OTHER INFORMATION: octanediol group connects residues 69 and 70
 46 <220> FEATURE:
 47 <221> NAME/KEY: misc_feature
 48 <222> LOCATION: (95)..(95)
 49 <223> OTHER INFORMATION: 3' phosphorylated
 51 <400> SEQUENCE: 2
 52 tcgtcttcgg gtctctcctc tcaaggctca gcgcctctc tccctatagt gagtcgtatt 60
 54 aatttcgaag gcatgacaac ccgaacaccca gtgat 95
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 58 <211> LENGTH: 21
 59 <212> TYPE: DNA
 60 <213> ORGANISM: Escherichia coli
 63 <220> FEATURE:
 64 <221> NAME/KEY: misc_feature
 65 <222> LOCATION: (21)..(21)
 66 <223> OTHER INFORMATION: 3' PCR-block

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68 <400> SEQUENCE: 3
 69 gcgtccactc cggtcctctc g 21
 72 <210> SEQ ID NO: 4
 73 <211> LENGTH: 30
 74 <212> TYPE: DNA
 75 <213> ORGANISM: Escherichia coli
 78 <220> FEATURE:
 79 <221> NAME/KEY: misc_feature
 80 <222> LOCATION: (30)..(30)
 81 <223> OTHER INFORMATION: 3' PCR block
 83 <400> SEQUENCE: 4
 84 gcttagatgc tttcagcaact tatctcttcc 30
 87 <210> SEQ ID NO: 5
 88 <211> LENGTH: 111
 89 <212> TYPE: DNA
 90 <213> ORGANISM: Escherichia coli
 93 <220> FEATURE:
 94 <221> NAME/KEY: misc_feature
 95 <222> LOCATION: (76)..(77)
 96 <223> OTHER INFORMATION: octanediol group connects residues 76 and 77
 98 <220> FEATURE:
 99 <221> NAME/KEY: misc_feature
 100 <222> LOCATION: (111)..(111)
 101 <223> OTHER INFORMATION: 3' phosphorylated
 103 <400> SEQUENCE: 5
 104 tgcctgcttg tctgcgttct ggatatcacc cgagttctcg cttectatacg tgagtctat 60
 106 taatttctcg tcttcggtc tctcctctca agcctcagcg ctctctctcc c 111
 109 <210> SEQ ID NO: 6
 110 <211> LENGTH: 12
 111 <212> TYPE: DNA
 112 <213> ORGANISM: Escherichia coli
 115 <220> FEATURE:
 116 <221> NAME/KEY: misc_feature
 117 <222> LOCATION: (1)..(1)
 118 <223> OTHER INFORMATION: 5' alkaline phosphatase labelled
 120 <400> SEQUENCE: 6
 121 ggatatcacc cg 12
 124 <210> SEQ ID NO: 7
 125 <211> LENGTH: 25
 126 <212> TYPE: DNA
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 130 <220> FEATURE:
 131 <221> NAME/KEY: misc_feature
 132 <222> LOCATION: (1)..(1)
 133 <223> OTHER INFORMATION: 5' biotin labelled
 135 <400> SEQUENCE: 7
 136 tctgctgcct gcttgcgtgc gttct 25
 139 <210> SEQ ID NO: 8
 140 <211> LENGTH: 34

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149 <211> LENGTH: 95
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151 <213> ORGANISM: Escherichia coli
154 <220> FEATURE:
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156 <222> LOCATION: (69)..(70)
157 <223> OTHER INFORMATION: octanediol group connects residues 69 and 70
159 <220> FEATURE:
160 <221> NAME/KEY: misc_feature
161 <222> LOCATION: (95)..(95)
162 <223> OTHER INFORMATION: 3' phosphorylated
164 <400> SEQUENCE: 9
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167 aatttcgaag gctgacaac ccgaacacca gtgat 95
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172 <212> TYPE: DNA
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185 <210> SEQ ID NO: 11
186 <211> LENGTH: 30
187 <212> TYPE: DNA
188 <213> ORGANISM: Escherichia coli
191 <220> FEATURE:
192 <221> NAME/KEY: misc_feature
193 <222> LOCATION: (30)..(30)
194 <223> OTHER INFORMATION: 3' PCR block
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201 <211> LENGTH: 111
202 <212> TYPE: DNA
203 <213> ORGANISM: Escherichia coli
206 <220> FEATURE:
207 <221> NAME/KEY: misc_feature
208 <222> LOCATION: (76)..(77)
209 <223> OTHER INFORMATION: octanediol group connects residues 76 and 77
211 <220> FEATURE:
212 <221> NAME/KEY: misc_feature

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213 <222> LOCATION: (111)..(111)
 214 <223> OTHER INFORMATION: 3' phosphorylated
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 219 taatttctcg tcttcggtc tctcctctca agcctcagcg ctctctctcc c 111
 222 <210> SEQ ID NO: 13
 223 <211> LENGTH: 12
 224 <212> TYPE: DNA
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 228 <220> FEATURE:
 229 <221> NAME/KEY: misc_feature
 230 <222> LOCATION: (12)..(12)
 231 <223> OTHER INFORMATION: 3' horse radish peroxidase labelled
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 234 ggatatcacc cg 12
 237 <210> SEQ ID NO: 14
 238 <211> LENGTH: 25
 239 <212> TYPE: DNA
 240 <213> ORGANISM: Escherichia coli
 243 <220> FEATURE:
 244 <221> NAME/KEY: misc_feature
 245 <222> LOCATION: (1)..(1)
 246 <223> OTHER INFORMATION: 5' biotin labelled
 248 <400> SEQUENCE: 14
 249 tctgctgcct gcttgcgtgc gttct 25
 252 <210> SEQ ID NO: 15
 253 <211> LENGTH: 34
 254 <212> TYPE: DNA
 255 <213> ORGANISM: Escherichia coli
 257 <400> SEQUENCE: 15
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 263 <212> TYPE: DNA
 264 <213> ORGANISM: Escherichia coli
 267 <220> FEATURE:
 268 <221> NAME/KEY: misc_feature
 269 <222> LOCATION: (69)..(70)
 270 <223> OTHER INFORMATION: octanediol group connects residues 69 and 70
 272 <220> FEATURE:
 273 <221> NAME/KEY: misc_feature
 274 <222> LOCATION: (95)..(95)
 275 <223> OTHER INFORMATION: 3' phosphorylated
 277 <400> SEQUENCE: 16
 278 tcgtcttccg gtcttcctc tcaaggctca gcgcgtctc tccctatagt gagtcgtatt 60
 280 aatttcgaag gcatgacaac ccgaacacca gtgat 95
 283 <210> SEQ ID NO: 17
 284 <211> LENGTH: 44
 285 <212> TYPE: DNA

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Input Set : A:\SL5068.ST25.txt

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286 <213> ORGANISM: Artificial Sequence
 288 <220> FEATURE:
 289 <223> OTHER INFORMATION: DNA homologue of SMART RNA1 amplicon
 291 <400> SEQUENCE: 17
 292 gggagagaga gcgctgaggc ttgagaggag agaccggaag acga 44
 295 <210> SEQ ID NO: 18
 296 <211> LENGTH: 25
 297 <212> TYPE: DNA
 298 <213> ORGANISM: Artificial Sequence
 300 <220> FEATURE:
 301 <223> OTHER INFORMATION: 5' biotinylated capture probe for SMART RNA1 amplicon
 304 <220> FEATURE:
 305 <221> NAME/KEY: misc_feature
 306 <222> LOCATION: (1)..(1)
 307 <223> OTHER INFORMATION: 5' biotin labelled
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 310 tctgctcgtc ttccgggtctc tcctc 25
 313 <210> SEQ ID NO: 19
 314 <211> LENGTH: 111
 315 <212> TYPE: DNA
 316 <213> ORGANISM: Escherichia coli
 319 <220> FEATURE:
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 321 <222> LOCATION: (76)..(77)
 322 <223> OTHER INFORMATION: octanediol group connects residues 76 and 77
 324 <220> FEATURE:
 325 <221> NAME/KEY: misc_feature
 326 <222> LOCATION: (111)..(111)
 327 <223> OTHER INFORMATION: 3' phosphorylated
 329 <400> SEQUENCE: 19
 330 tgcctgcttg tctgcgttct ggatatcacc cgagttctcg cttcctatacg tgagtcgtat 60
 332 taatttctcg tcttccggtc tctcctctca agcctcagcg ctctctctcc c 111
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 337 <212> TYPE: DNA
 338 <213> ORGANISM: Artificial Sequence
 340 <220> FEATURE:
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 344 <220> FEATURE:
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 346 <222> LOCATION: (20)..(20)
 347 <223> OTHER INFORMATION: 3' dinitrophenol labelled
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 353 <210> SEQ ID NO: 21
 354 <211> LENGTH: 45
 355 <212> TYPE: DNA
 356 <213> ORGANISM: Escherichia coli
 358 <400> SEQUENCE: 21

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/521,111

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Input Set : A:\SL5068.ST25.txt

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